



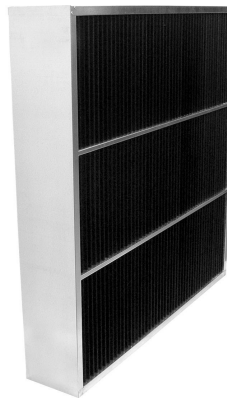
Test Report

about laboratory tests for

Pressure drop and light reduction

Tested type:

LIGHT TRAP FOR 50 AXIAL VENTILATOR



| | | |
|----------------------|--------|---------|
| Technical main data: | Width | 1375 mm |
| | Height | 1375 mm |
| | Depth | 247 mm |
| | Weight | 49,1 kg |

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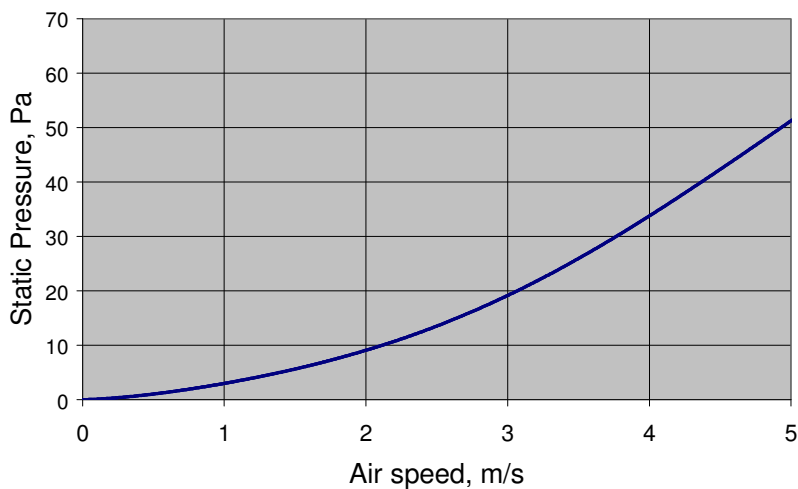


1 Test

The test with the light trap element LTP 50 (1 sample from factory production) was accomplished in June 2005 on laboratory conditions.

2 Test Results

2.1 Pressure drop



The measurement was accomplished on the DLG-test rig for fans.

2.2 Light reduction

Measurement: Test rig "Light Reduction Test"

Instrumentation: International Light IL-1710 Radiometer with a sensor SED-033/Y/W;

Measuring range: 5×10^{-4} to 1×10^6 lux

Result:

| | Light Intensity, lux | |
|--|----------------------|--------|
| | Outside | inside |
| average value from 6 measuring points | 58.250 | 0,0291 |
| Light Reduction Factor (Outside / Inside) | 2.000.000 :1 | |

Groß-Umstadt; Juli, 25th 2005

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